

General Na⁺/K⁺ ATPase Assay Kit

Na⁺/K⁺ ATPase Microplate Assay Kit

CATALOG # AAA27840	REACTIVITY General	APPLICATIONS Functional Assay
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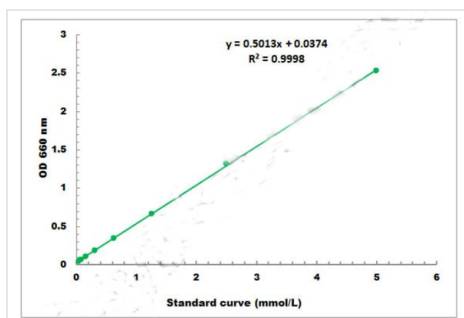
PRODUCT SYNONYMS

Na⁺/K⁺ ATPase; Na⁺/K⁺ ATPase Microplate Assay Kit; EC 3.6.3.9; Sodium/potassium-exchanging ATPase; Na(+)/K(+)-ATPase; Na(+)/K(+)-exchanging ATPase; Na; K-activated ATPase; Sodium pump; Sodium/potassium-transporting ATPase; Na⁺/K⁺ ATPase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.01 umol/ml - 5 umol/ml
Applicable Applications for Na ⁺ /K ⁺ ATPase assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Na⁺/K⁺ ATPase assay kit

Background: Na⁺/K⁺ ATPase is widely distributed in plants, animals, microbes and cells, can catalyze the hydrolysis of ATP, ADP and inorganic phosphate. Na⁺/K⁺ ATPase catalyze the decomposition of ATP into ADP and free phosphate ion. These enzymes play key roles in transport, signal transduction, protein biosynthesis and cell differentiation. At the end of the reaction period, the dye reagent forms a color with released phosphate ion, which is measured on a plate reader 660 nm.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.